

What Is Claimed Is:

1. A liquid crystal display (LCD) comprising:
a first substrate and a second substrate;
a light emitting layer formed on an outer surface of the first substrate;
5 a thin film transistor (TFT) array including thin film transistors and pixel
electrodes on a surface of the first substrate;

a common electrode formed on a surface of the second substrate; and
a liquid crystal layer interposed between the first substrate and the second
substrate.

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2. The LCD of claim 1, wherein the first substrate and the second substrate
perform an additional function of polarization.

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3. The LCD of claim 1, wherein the first substrate and the second substrate are
composed of an organic material.

4. The LCD of claim 3, wherein the organic material is any one of
polycarbonate, polyimide, polyethersulphone (PES), polyacrylate (PAR),
polyethylenenaphthelate (PEN), or polyethyleneterephthalate (PET).

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5. A liquid crystal display (LCD) comprising:

a first substrate and a second substrate;

an organic light emitting element formed by interposing a first insulating layer

on an outer surface of the first substrate;

a second insulating layer and a protective layer formed over an entire surface of the organic light emitting element;

a thin film transistor (TFT) array including thin film transistors and pixel electrodes on a surface of the first substrate;

a common electrode formed on a surface of the second substrate; and

a liquid crystal layer formed between the first substrate and the second substrate.

10 6. The LCD of claim 5, wherein the organic light emitting element comprises a first electrode, an organic light emitting layer, and a second electrode.

7. The LCD of claim 5, wherein the first substrate and the second substrate perform a polarization function.

15 8. The LCD of claim 5, wherein the first substrate and the second substrate are composed of an organic material.

9. The LCD of claim 5, further comprising color filter layers between the 20 second substrate and the common electrode.

10. The LCD of claim 8, wherein the organic material is any one of polycarbonate, polyimide, polyethersulphone (PES), polyacrylate (PAR),

polyethylenenaphthelate (PEN), or polyethyleneterephthalate (PET).

11. A method for fabricating a liquid crystal display (LCD), comprising:
forming a light emitting layer on an outer surface of a first substrate;
5 forming a thin film transistor (TFT) array including thin film transistors and a
pixel electrode on a surface of the first substrate; and
forming a liquid crystal layer between the first substrate and a second substrate.

12. The method of claim 11, wherein forming the light emitting layer

10 comprises:
forming a first insulating layer on the outer surface of the first substrate;
forming an organic light emitting element on the first insulating layer; and
forming a second insulating layer on the organic light emitting element.

15 13. The method of claim 12, wherein forming the organic light emitting
element comprises:

forming a first electrode on the first insulating layer;

forming a hole transport layer, an organic light emitting layer, and an electron
transport layer on the first electrode in order; and

20 forming a second electrode on the electron transport layer.

14. The method of claim 11, wherein the first substrate and the second
substrate are composed of an organic material.

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15. The method of claim 11, further comprising forming black matrices, color filter layers, and a common electrode on a surface of the second substrate.

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16. A method for fabricating a liquid crystal display (LCD), comprising:
forming a thin film transistor (TFT) array including thin film transistors and
pixel electrodes on a surface of a first substrate;
forming a light emitting layer on an outer surface of the first substrate; and
forming a liquid crystal layer between the first substrate and a second substrate.

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17. The method of claim 16, further comprising forming black matrices, color filter layers, and a common electrode on a surface of the second substrate.

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18. The method of claim 16, wherein forming the light emitting layer
comprises:

forming a first insulating layer on the outer surface of the first substrate;
forming an organic light emitting element on the first insulating layer; and
forming a second insulating layer on the organic light emitting element.

19. The method of claim 18, wherein forming the organic light emitting
element comprises:

forming a first electrode on the first insulating layer;
forming a hole transport layer, an organic light emitting layer, and an electron

transport layer on the first electrode in order; and
forming a second electrode on the electron transport layer.

20. A method for fabricating a liquid crystal display (LCD):

5 forming a thin film transistor (TFT) array including thin film transistors and
pixel electrodes on a surface of a first substrate; and
forming a light emitting layer on an outer surface of the first substrate.

21. The method of claim 20, further comprising forming black matrices, color
10 filter layers, and a common electrode on a surface of a second substrate.

22. A liquid crystal display (LCD), comprising:

a first substrate having a surface and an outer surface and a light emitting
structure fabricated on the outer surface thereof;
15 a second substrate confronting and spaced apart from the surface of the first
substrate; and

a liquid crystal material interposed between the first substrate and the second
substrate.

20 23. The LCD of claim 22, wherein the light emitting structure is a light
emitting diode.

24. The LCD of claim 22, wherein the light emitting structure comprises:

a first insulating layer disposed on the outer surface of the first substrate;
a first electrode disposed on the first insulating layer;
an organic film layer disposed on the first electrode; and
a second electrode disposed on the organic film layer.

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25. The LCD of claim 24, wherein the organic film layer comprises:

a hole transport layer;
an organic light emitting layer; and
an electron transport layer.

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26. The LCD of claim 24, wherein the organic light emitting layer comprises any one of Alq3 (tris-8-hydroxyquinolinoato aluminum), BeBq (bis-benzo-quinolinato-berellium), PPV (polyphenylenevinylene) or polyalkylthiphene.

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27. The LCD of claim 24, wherein the first electrode is indium tin oxide.

28. The LCD of claim 22, further comprising thin film transistors disposed on the surface of the first substrate.

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29. The LCD of claim 22, wherein the first substrate and the second substrate are composed of an organic material.

30. A method for fabricating a liquid crystal display (LCD), comprising:

forming a light emitting structure on an outer surface of a first substrate;
bonding the first substrate to a second substrate such that a surface of the first
substrate is spaced apart from and confronts the second substrate; and
disposing a liquid crystal layer between the first substrate and a second
5 substrate.

31. The method of claim 30, wherein forming the light emitting structure
comprises fabricating a light emitting diode.

10 32. The method of claim 30, wherein the forming the light emitting structure
comprises:

forming a first insulating layer on the outer surface of the first substrate;
forming a first electrode on the first insulating layer;
forming an organic film layer on the first electrode; and
15 forming a second electrode on the organic film layer.

33. The method of claim 32, wherein forming the organic film layer comprises:
forming a hole transport layer;
forming an organic light emitting layer; and
20 forming an electron transport layer.

34. The method of claim 32, wherein the organic light emitting layer comprises
any one of Alq3 (tris-8-hydroxyquinolinato aluminum), BeBq (bis-benzo-quinolinato-

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beryllium), PPV (polyphenylenevinylene) or polyalkylthiophene.

35. The method of claim 32, wherein the first electrode is indium tin oxide.

5 36. The method of claim 30, further comprising forming a thin film transistor
(TFT) array including thin film transistors and pixel electrodes on the surface of the first
substrate.

37. The method of claim 30, wherein the first substrate and the second
10 substrate are comprised of an organic material.